				patch bits from 1 to N		scaler bits from 0 to M		

last update:060331 HjC

#	A in	A out	B in	B out	C in	C out	D in	D out
1	G	1	JP7	1 to JP3/1	JP13			
3	L	2 to JP17/5	L	2 to JP3/2	B		T	
5	I	3 to JP17/6	D	3 to JP3/3	B		o	
7	N	4 to JP17/7	-	4 to JP3/4				
9	K	5 tp JP17/8	3	5 to JP3/5	1		T	
11		6 to JP17/9	0	6 to JP3/6	0			
13	F	7 to JP17/10	1	7 to JP3/7	1		L	
15	R	8 to JP17/11	-	8 to JP3/8				
17	O	9 to JP17/12	o	9 to JP3/9	o		A	
19	M	10	u	10 to JP3/10	u			
21		11	t	11 to JP3/11	t			
23	D	12		12 to JP3/12				
25	A	13		13 to JP3/13				
27	Q	14		14 to JP3/14				
29		15		15 to JP3/15				
31	R	16		16 to JP3/16				
33	O	17						
35	O	18						
37	M	19						
39		20 jumper to JP3/20						
41							F	
43							R	
45							O	
47							M	
49								
51							T	
53							L	
55							A	
57			JP8 1	1 BBC TAC to FO/5	JP14	BBCE Large to FO/6		
59				2	B	BBCW Large to FO/7		
61			V	3	B			
63	JP2	Expt Clock to FO/1	T	4				
65	R		-	5 to sca5/4	1			
67	C		2	6 to sca5/5	0			
69	C		0	7 to sca5/6	2			
71			1	8 to sca5/7				
73			-	9				
75			o	10 to sca5/8	o			
77			u	11 to sca5/9	u			
79			t	12 to sca5/0	t			
81				13 to sca5/1				
83				14 to sca5/2				
85				15 to sca5/3				
87				16				
89								
91								
93								
95	JP3	LD301-0 from JP7/1						
97		from JP7/2						
99	G	from JP7/3						
101	L	from JP7/4						
103	I	from JP7/5						
105	N	from JP7/6						
107	K	from JP7/7						
109		from JP7/8						
111	T	from JP7/9						
113	O	from JP7/10	JP9	1 to SCA8/8	JP15	to SCA5/10		
115		from JP7/11		2 to SCA8/9	Z	to SCA5/11		
117	D	from JP7/12		3 to SCA8/10	D	to SCA5/12		to SCA12/0
119	A	from JP7/13	E	4 to SCA8/11		to SCA5/13	F	to SCA12/1
121	Q	from JP7/14	M	5	1		R	to SCA12/2
123		from JP7/15		6	0		o	to SCA12/3
125	R	from JP7/16	2	7	1		m	to SCA12/4
127	O	clock from JP2/1	0	8 to SCA8/12				to SCA12/5
129	O		1	9 to SCA8/13	o		B	to SCA12/6
131	M			10 to SCA8/14	u		B	to SCA12/7
133		jumper from JP1/20	o	11 to SCA8/15	t		C	to SCA12/8
135			u	12			W	to SCa12/9
137			t	13				to SCA12/10
139				14			T	to SCA12/11
141				15			A	to SCA12/12
143				16			C	to SCA12/13
145								to SCA12/14
147								to SCA12/15
149								
151								
153								
155								
157	JP4	clock to JP16/1						
159	R							
161	C							
163	C							
165								
167								

#										
169				JP10	1	to SCA5/17	JP17	BLUE from JP20/1	F (FROM BBC TAC)	to SCA11/0
171				B	2	to SCA5/18	L	YEL from JP20/2	F	to SCA11/1
173				X	3	to SCA5/19	D	RevTick from FO/3	R	to SCA11/2
175				2	4	to SCA5/20		FPDW from JP20/3	O	to SCA11/3
177				0	5	to SCA5/21	3	daq room 1 from JP1/2	M	to SCA11/4
179				2	6	to SCA5/22	0	from JP1/3		to SCA11/5
181					7	to SCA5/23	1	from JP1/4	B	to SCA11/6
183				o				from JP1/5	B	to SCA11/7
185				u			I	from JP1/6	C	to SCA11/8
187				t			n	from JP1/7	E	to SCA11/9
189	JP5		to SCA3/16					from JP1/8		to SCa11/10
191			to SCA3/17					from JP1/9	T	to SCA11/11
193			to SCA3/18						A	to SCA11/12
195			to SCA3/19						C	to SCA11/13
197	T		to SCA3/20							to SCa11/14
199	C		to SCA3/21							to SCA11/15
201	U		to SCA3/22							
203	O		to SCa3/23							
205	O									
207	U									
209	T									
211	P									
213	U									
215	T									
217										
219										
221										
223										
225				JP11	1	to SCA9/1	JP18	RevTick from FO/3		
227					2	to SCa9/2				
229				F	3	to SCa9/3	B			
231				P	4	to SCA9/4	X			
233					5	to SCA9/5	2			
235				2	6	to SCA9/6	0			
237				0	7	to SCA9/7	1			
239				1	8	to SCA9/8				
241					9	to SCa9/9	I			
243				o	10	to SCa9/10	n			
245				u	11	to SCa9/11				
247				t	12	to SCA9/12				
249					13	to SCa9/13				
251					14	to SCA9/14				
253					15	to SCA9/15				
255										
257										
259										
261	JP6									
263	R									
265	C								JP20	BLUE to JP17/1
267	C									YEL to JP17/2
269									E	FPDW to JP17/4
271									C	
273									L	
275									-	
277									P	
279									E	
281				JP12	1	to SCA1/0	JP19	RevTick from FO/3	C	
283				L	2	to SCa1/1			L	
285				D	3	to SCa1/2	B			
287				3	4	to SCa1/3	X			
289				0	5	to SCa1/4				
291				1	6	to SCa1/5	2			
293	JP16	1	clock from JP4/1		7	to SCa1/6	0			
295	P	2		o	8	to SCa1/7	2			
297	E	3	RevTick from JP1/1	u	9	to SCa1/8				
299	C	4	VT201/1 from JP8/2	t	10	to SCa1/9	I			
301	L	5	BB102/0 from JP14/1		11	to SCa1/10	n			
303		6	BB102/1 from JP14/2		12	to SCa1/11				
305	F	7			13	to SCa1/12				
307	O	8			14	to SCa1/13				
309					15	to SCa1/14				
311					16	to SCa1/15				
313										
315										
317										
319										
321										
323										
325										
327										
329										
331										